

**Request to Archive
With The National Centers for Environmental Information
For Reprocessed Hydrometeorological Automated Data System (HADS) data record
Provided by NCEI**

2016-03-03

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

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2. Name the organization or group responsible for creating the dataset.

DOC/NOAA/NESDIS/NCEI > National Centers for Environmental Information, NESDIS, NOAA, U.S. Department of Commerce

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

Daily raw HADS data are parsed to variable durations of precipitation elements transmitted via GOES communication satellite. Daily precipitation data are bundled to monthly, then spatial quality control measures are applied. Users will have a control how to rectify erroneous datum according to quality index assigned on each hourly datum at each station. Monthly metadata are cleaned in order to have consistent record with available precipitation data. Reprocessed HADS data are available from Jan. 2006. The most updated product is produced by the 5th day of next month. Spatial coverage is United State, and extend to neighboring countries, e.g., Canada and Mexico.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2006-01
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

V1.0

6. Approximate date when the dataset was or will be released to the public:

2016-09

7. Who are the expected users of the archived data? How will the archived data be used?

Hydro-climate scientists

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

No

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

N/A

10. List the input datasets and ancillary information used to produce the data.

Raw HADS data. Raw HADSMETA data

11. List web pages and other links that provide information on the data.

<http://www.nws.noaa.gov/oh/hads/>

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. In preparation

13. Indicate the data file format(s).

1. ascii

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

META*_yyyymmQ

subHRLY.yyyyymm.tar

HD0.yyyyymm.tar

HD1.yyyyymm.tar

QG0.yyyyymm.tar

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

Available

17. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 2GB

Number of Data Files: 50

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 200MB per Month

Data File Frequency: 1 per Month

Data Production Start: 2006-01-01

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

Monthly update after 2016-03

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: Asheville NC
System Name: hads-dev
System Owner: DOC/NOAA/NESDIS/NCEI > National Centers for Environmental Information, NESDIS, NOAA, U.S. Department of Commerce

Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. SFTP PUSH

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Unknown

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

Dataset will be a key input in merging with Radar product

24. Are the data archived at another facility or are there plans to do so? Please explain.

No

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

Approved by NCEI Science Counsel in 2015

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

N/A

29. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2016-03

Accessible by: 2016-03

30. Add any other pertinent information for this request.

None